

# Generative Artificial Intelligence

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Hi, this is me!

I will be talking about this.

1. What is Artificial Intelligence?
2. Natural Language Processing, LLM and Generative AI
3. The (near) future of AI

Hello! I'm Siwat

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# What is Artificial Intelligence?

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# AI Timeline

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**1986**

back-propagation

**2006**

Deep Learning

**2012**

AlexNet

**2017**

Transformer

**2018**

GPT

Hi, this is me!

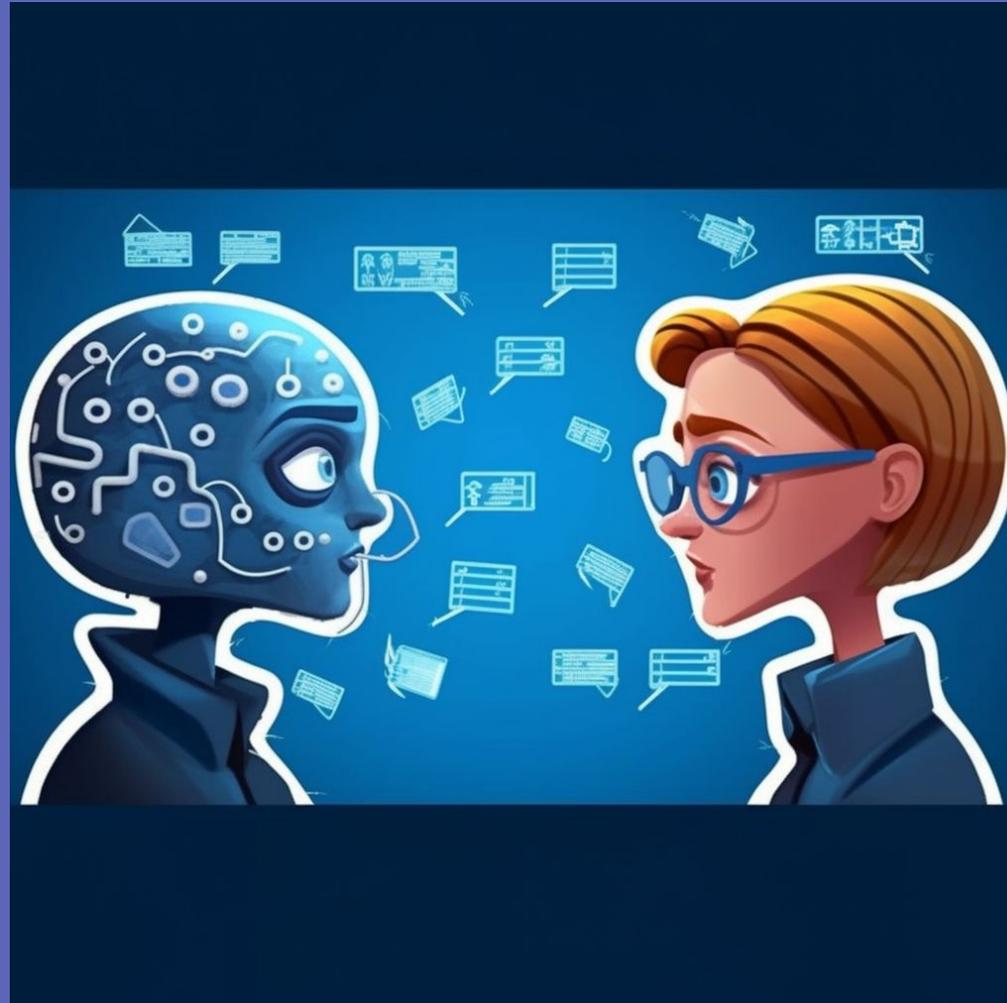
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# NLP, LLM and Generative AI



# Natural Language Processing

1. **NLP systems break down human language into smaller units, such as words, phrases, and sentences.**

2.

3.

**NLP systems use a variety of techniques to understand human language, including machine learning, statistical methods, and rule-based systems.**

**NLP systems can be used for a variety of tasks, such as machine translation, text classification, and question answering.**

# Large Language Model

1.

**LLMs are a type of artificial intelligence (AI) model that can process and generate human language**

2.

3.

**LLMs are trained on massive datasets of text and code**

**LLMs can generate creative text, answer questions, translate languages, and even write in a specific style given the right prompt**

# Generative AI

1.

**Generative AI is a type of artificial intelligence (AI) that can create new content, such as text, images, and music.**

2.

3.

**Using AI to learn from existing data and then use that data to create new, similar content.**

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# The (near) future of AI



# Thank you!

**Do you have any questions?**